## Approved For Release 2002/10/25 : CIA-RDP72B00464R000400070047-4

OSA - 0601-66

**STATINTL** 

**3** 1 J. 1966

| Subjec           | t: ECP GR-49, Contract LP-2264   |
|------------------|--|
| Dear C           | nuck,  |
| Reques<br>this c | This ECP is technically approved by the SPO.  t you furnish with formal authority to accomplish nange. |
|                  | Best regards,  |
| Г                | STATINTL George  |
| Copy:            |  |

| Recorder    Video Amplifier Assy, Resistor Assy   S31A705-005-101 (ocover Assy   S31A705-010-101 (n   S31A705-010- | GA - 531  | l l  | ERING STUDY<br>E PROPOSAL |                           | <b>GR</b> - 4   | 9  |             |
|--|---|--|---------------------------|---------------------------|-----------------|--|-------------|
| Recorder    Video Amplifier Assy, Resistor Assy   S31A705-005-101 (ocover Assy   S31A705-005-101 (notover Assy   S31A705-005-101 (notover Assy   S31A705-010-101 (notover Assy   Notover Ass | 12/29/65  | AFFECTS:   | GA531A                    |                           |                 | STATIN   | TL          |
| ADDITIONAL FUNDING REQUIRED:  CP  ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:  ADDITIONAL FUNDING REQUIRED:  AND AFFECTED BY PROPOSAL:  PET THE FEFT OF PROPOSAL:  PET THE FORCE OF PRATIS AND THE OPERATING CHANGE MELITY MANCE MANUAL  PROSITION OF SPARES AFFECTED: Spares to be poworked.  Video Amplifier Redesign (New PC Board)  New PC Board)  And Affected and Time Involved:  ADDITIONAL FUNDING REQUIRED:  N/A  MANAGE MELITY MANUAL SERVICE PROCEDURE ABILITY  MATERIA MANUAL  MANUAL  MANUAL  AND ATTERIA MANUAL  MANU |   | Video Amp<br>  Relay Ass   | olifier As<br>Sy. Resist  | ssy,<br>or Assy           | MODEL OR        | TYPE<br>705-005-10                             | l (o        |
| EASON FOR PROPOSAL:  1. Increase Bandwidth, increase gain, change gain for different range scales; eliminate "plywood effect" on the map film. New amplifier has been tested in the flight program with good results.  ES ESTIMATED COST AND TIME INVOLVED.  ADDITIONAL FUNDING REQUIRED:  CP ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED:  WAS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line Units S/N A7002-9 thru -13 to be retrofitted.  MASSION PERFORM OPERATING CHANGE WEIGHT OF TOOLS AND MAINTE SERVICE FLIGHT MANCE MANUAL SUPPOSED AND CHANGE ABULTY SUPPORT SUPPO | TTLE OF PROPOSAL:  Video Amy  | plifier Red  | lesion (Ne                | W PC Bo                   | ·               |  |             |
| EASON FOR PROPOSAL:  1. Increase Bandwidth, increase gain, change gain for different range scales; eliminate "plywood effect" on the map film. New amplifier has been tested in the flight program with good results.  ES  ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:  CP  ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED:  N/A  MAS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line Units S/N A7002-9 thru -13 to be retrofitted.  MISSION EFFECT PERFORM OF PROCEDURE CHANGE CHANGE WEIGHT ON TOOLS AND MANTE SERVICE FLIGHT MANUAL MANUAL SHANCE SERVICE MANUAL MANUAL SHANCE SHANCE SERVICE MANUAL MANUAL SHANCE SHANCE SERVICE MANUAL MANUAL SHANCE MANUAL SHANCE SHANCE SHANCE SHANCE SHANCE SHANCE SHANCE SHANCE MANUAL SHANCE | NATURE OF PROPOSAL:   |  |                           |                           | ar a,           | *  |             |
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| range scales; eliminate "plywood effect" on the map film.  New amplifier has been tested in the flight program with good results.  ESTIMATED COST AND TIME INVOLVED:  ADDITIONAL FUNDING REQUIRED:  ESTIMATED COST FOR KITS OR PARTS:  ADDITIONAL FUNDING REQUIRED:  MASS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line  Units S/N A7002-9 thru -13 to be retrofitted.  MISSION EFFECT PROPOSAL: Production units S/N A7002-20 and subs in line  Units S/N A7002-9 thru -13 to be retrofitted.  MISSION EFFECT PROCEDURE ARBITY BANKE CHANGE CHANGE ARBITY BANKE CHUPPENT BANKE COUPPENT PROCEDURE LIFE FLIGHT MANUAL MANUAL SUPPORT SU |   | •  | _                         |                           | _               | * · · · · · · · · · · · · · · · · · · ·        |             |
| ADDITIONAL FUNDING REQUIRED:  ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED: N/A  EMS AFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line Units S/N A7002-9 thru -13 to be retrofitted.  AFETY HISSION EFFEC. TIVENESS ANCE PROCEDURE ABILITY BALANCE CHANGE ABILITY BALANCE CHANGE ABILITY BALANCE CHANGE ABILITY BALANCE CHANGE IN FIELD: 30 min disassemble; 4 hrs rework; 2 hrs test; 30 min assemble.  BURCE OF PARTS FOR KIT:  GR  AVAILABILITY 3 WEEKS AFTER APPROVAL  SPOSITION OF SPARES AFFECTED: Spares to be reworked   | results.  |  |                           | G <sub>1,2</sub> 2        | ; <b>6</b>      |  | <b>.</b>    |
| ADDITIONAL FUNDING REQUIRED:  ESTIMATED COST FOR KITS OR PARTS:  ADDITIONAL FUNDING REQUIRED: N/A  MISSION SAFFECTED BY PROPOSAL: Production units S/N A7002-20 and subs in line  Units S/N A7002-9 thru -13 to be retrofitted.  MISSION EFFEC TIVENESS ANCE PERFORM ANCE PROCEDURE ABILITY BALANCE SUPPORT EQUIPMENT SUPPORT  |   |  |                           |                           |                 |  |             |
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| WEIGHT OF SUPPORT SEQUIRED TO ACCOMPLISH CHANGE IN FIELD:  OF PARTS FOR KIT:  GR  WISSION PERFORM- ANCE PROCEDURE ABILITY BALANCE EQUIPMENT EQUIPMENT EQUIPMENT SUPPORT EQUIPMENT PROCEDURE LIFE MANUAL MANUAL MANUAL SUPPORT EQUIPMENT SUPPORT EQUIPMENT PROCEDURE LIFE MANUAL MANUAL MANUAL MANUAL SUPPORT EQUIPMENT SUPPORT EQUIPMENT PROCEDURE LIFE MANUAL MANUAL MANUAL SUPPORT EQUIPMENT PROCEDURE LIFE MANUAL MAN | ES  |  |                           |                           |                 |  |             |
| MISSION PERFORM. OPERATING PROCEDURE AND MAINTE SERVICE LIFE MANUAL MANU | ADDITIONAL FUNDING REQUIRE  ESTIMATED COST FOR KITS OR PA   | ARTS:  |                           |                           |                 |  |             |
| FLIGHT NANCE SERVICE LIFE NANCE PROCEDURE ABILITY AND BALANCE PROCEDURE LIFE NANCE NANCE PROCEDURE ABILITY AND BALANCE EQUIPMENT PROCEDURE LIFE NANCE NANCE PROCEDURE LIFE NANCE NANCE NANCE PROCEDURE LIFE NANCE  | ADDITIONAL FUNDING REQUIRE  ESTIMATED COST FOR KITS OR PA ADDITIONAL FUNDING REQUIRE  | ARTS:  |                           |                           |                 |  |             |
| OURCE OF PARTS FOR KIT:  GR  AVAILABILITY 3 WEEKS AFTER APPROVAL  SPOSITION OF SPARES AFFECTED: Spares to be reworked  | ADDITIONAL FUNDING REQUIRE  ESTIMATED COST FOR KITS OR PA ADDITIONAL FUNDING REQUIRE  EMS AFFECTED BY PROPOSAL: Produ Units S/II A7002-9 thru   | ARTS:  O: N/A  Action units  | s S/N A700<br>retrofit    | 02 <b>-</b> 20 ar<br>ted. | nd subs         | in line  |             |
| SPOSITION OF SPARES AFFECTED: Spares to be reworked  | ADDITIONAL FUNDING REQUIRE  ESTIMATED COST FOR KITS OR PA ADDITIONAL FUNDING REQUIRE  EMS AFFECTED BY PROPOSAL: Produ  Units S/II A7002-9 thru  AFETY MISSION EFFECTIVENESS ANCE PROCEDURE  TIVENESS ANCE PROCEDURE                                       | ARTS:  D: N/A  Iction units  -13 to be  G INTER- CHANGE ABILITY BALA  [COMMANDE] | retrofit                  | MAINTE- NANCE PROCEDURE   | SERVICE<br>LIFE | FLIGHT NAI MAN MANUAL MAN                      | NCE<br>TUAL |
| SPOSITION OF SPARES AFFECTED: Spares to be reworked PPB to be changed by C/N to PSO.   | ADDITIONAL FUNDING REQUIRE  ESTIMATED COST FOR KITS OR PA ADDITIONAL FUNDING REQUIRE  EMS AFFECTED BY PROPOSAL: Produ  Units S/II A7002-9 thru  MISSION EFFECTIVENESS PERFORM OPERATING TIVENESS ANCE PROCEDURE   | ARTS:  D: N/A  Iction units  -13 to be  G INTER- CHANGE ABILITY BALA  [COMMANDE] | retrofit                  | MAINTE- NANCE PROCEDURE   | SERVICE<br>LIFE | FLIGHT NAI MAN MANUAL MAN                      | NCE<br>TUAL |
|  | ADDITIONAL FUNDING REQUIRE  ESTIMATED COST FOR KITS OR PA ADDITIONAL FUNDING REQUIRE  EMS AFFECTED BY PROPOSAL: Produ  Units S/N A7002-9 thru  MISSION PERFORM OPERATING TIVENESS ANCE PROCEDURE  TIMATED MAN HOURS REQUIRED TO ACC 30 min disassemble; 4 | ARTS:  D: N/A  Iction units  -13 to be  G INTER- CHANGE ABILITY BALA  [COMMANDE] | retrofit                  | MAINTE-NANCE PROCEDURE    | service<br>Life | FLIGHT NAME NAME NAME NAME NAME NAME NAME NAME | NCE<br>NUAL |

## Approved For Release 2002/10/25 : CIA-RDP72B00464R000400070047-4

GA-531

Change Proposal

GR-49

## NATURE OF PROPOSAL:

Ref: REW KP-I-229

- 1. Replace PC Board in Video Amplifier
  - A. New, redesigned, Video Amplifier PC Board Assembly P/N 531A705-010-001 is replacing Video Amplifier PCB oard Assembly P/N 531A705-010-001.
- 2. Relay Assembly Change
  - a. Add "Video Level Set" wire from Relay K8-2 to terminal 7J14-S.
  - b. Add wire from Relay K1-2 to Relay K8-1
  - New Relay Assembly, P/N 531A724-001-107, was P/N 531A724-001-105.
- 3. Resistor Assembly Change
  - a. Replace resistors R3 and R6, RL32AD332J with RL42S82OJ resistor.
  - b. Replace resistor R4 and R5, RL42AD101J with RL 425180J resistor.
  - New Resistor Assembly P/N 531A727-005-107 was P/N 531A727-005-105.
- 4. Modify Cover Assembly
  - Add slotted holes to Cover Assembly P/N 531A703-006-101 to match new jack and potentiometer locations and change Cover Assembly P/N to 531A703-006-103.
- 5. Mod No. 6 will be assigned to the 531A701, -103, -105 Recorder Assembly.